

WHAT IS CLAIMED IS:

1. A sheet transporting apparatus, comprising:
  - a sheet transportation path;
  - a predetermined number of transport members disposed in
  - 5 a sheet transportation path;
  - a side position regulating mechanism which regulates a position of a side edge of a sheet in the sheet transportation path, the side position regulating mechanism having a reference member configured to change a sheet regulation position;
  - 10 a base member on which at least the reference member is mounted;
  - a first adjusting mechanism which adjusts a position of the reference member; and
  - a second adjusting mechanism which adjusts a position
  - 15 of a base member.
2. The sheet transporting apparatus according to claim 1, wherein the side position regulating mechanism includes a side guide disposed on a side of the sheet transportation
- 20 path and correspondingly with the side edge position of the sheet and a skew member which skew-transport the sheet toward the side guide.
3. The sheet transporting apparatus according to claim 1,
- 25 wherein the side position regulating mechanism comprises:

at least two position sensors which are disposed correspondingly with the side edge position of the sheet; and a shift transportation roll which nip-transport the sheet, and which is movable perpendicularly to a transportation direction of the sheet.

4. The sheet transporting apparatus according to claim 1, wherein the first adjusting mechanism or the second adjusting mechanism can adjust the sheet regulation position of the side position regulating mechanism, in one or both of manual and automatic manners.

5. The sheet transporting apparatus according to claim 1, wherein one of the first adjusting mechanism and the second adjusting mechanism can perform the adjustment by a coarse adjustment step, and the other can perform the adjustment by a fine adjustment step.

6. The sheet transporting apparatus according to claim 5, wherein, among the first adjusting mechanism and the second adjusting mechanism, an operation for the fine adjustment step is linked with an operation for the coarse adjustment step.

7. The sheet transporting apparatus according to claim 5, wherein the sheet position regulation by the side position

regulating mechanism is performed while combinedly using the first adjusting mechanism and the second adjusting mechanism.

8. The sheet transporting apparatus according to claim 1,  
5 wherein the first adjusting mechanism supports the reference member swingably around a swing fulcrum with respect to the base member.

9. The sheet transporting apparatus according to claim 1,  
10 wherein the second adjusting mechanism supports the base member swingably around a swing fulcrum.

10. The sheet transporting apparatus according to claim 1,  
wherein the first adjusting mechanism includes a drive  
15 source and a driving transmitting mechanism; and  
the drive source is coupled to the reference member via the driving transmitting mechanism.

11. The sheet transporting apparatus according to claim 1,  
20 wherein the second adjusting mechanism includes a drive source and a driving transmitting mechanism; and  
the drive source is coupled to the base member via the driving transmitting mechanism.

12. The sheet transporting apparatus according to claim 1,  
25 further comprising: a controlling device which controls the

first adjusting mechanism and the second adjusting mechanism.

13. The sheet transporting apparatus according to claim 11,  
wherein, in accordance with usage conditions of the sheet,  
5 the controlling device adjusts at least one of the first  
adjusting mechanism and the second adjusting mechanism.

14. The sheet transporting apparatus according to claim 11,  
wherein a direction of a sheet transportation face is  
10 used as a sheet usage condition.

15. A sheet transporting apparatus which transports a sheet  
to a processing section via a sheet transportation path,  
comprising:

15 a sheet aligning mechanism which aligns a transportation  
posture of the sheet transported toward the processing section;  
wherein the sheet aligning mechanism includes an  
adjusting mechanism which automatically adjusts the  
transportation posture of the sheet in accordance with a  
20 deformation degree of the sheet.

16. The sheet transporting apparatus according to claim 15,  
wherein, when the sheet processing section is to apply  
a reprocess on a rear face of a sheet in which a front face  
25 has been processed, the adjusting mechanism automatically

adjusts the transportation posture of the sheet in accordance with the deformation degree of the sheet.

17. The sheet transporting apparatus according to claim 15,  
5 further comprising: a controlling device which controls the adjusting mechanism;

wherein the sheet deformation degree is previously supplied to the controlling device.

10 18. The sheet transporting apparatus according to claim 15, further comprising: a controlling device which controls the adjusting mechanism and which includes a measuring section that measures the sheet deformation degree.

15 19. A sheet processing apparatus, comprising:

a sheet transportation path;

a sheet processing section disposed in a sheet transportation path;

a predetermined number of transport members disposed in  
20 a sheet transportation path;

a side position regulating mechanism which regulates a position of a side edge of a sheet in the sheet transportation path, the side position regulating mechanism having a reference member configured to change a sheet regulation position;

25 a base member on which at least the reference member is

mounted;

a first adjusting mechanism which adjusts a position of  
the reference member; and

a second adjusting mechanism which adjusts a position  
5 of a base member.

20. A sheet processing apparatus, comprising:

a sheet transportation path;

a sheet processing section disposed in a sheet  
10 transportation path; and

a sheet aligning mechanism which aligns a transportation  
posture of the sheet transported toward the processing section;

wherein the sheet aligning mechanism includes an  
adjusting mechanism which automatically adjusts the  
15 transportation posture of the sheet in accordance with a  
deformation degree of the sheet.